

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021822.D
 Acq On : 09 Apr 2025 16:24
 Operator : SY/MD
 Sample : Q1748-07
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IB-2A-VOC

Quant Time: Apr 10 01:45:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

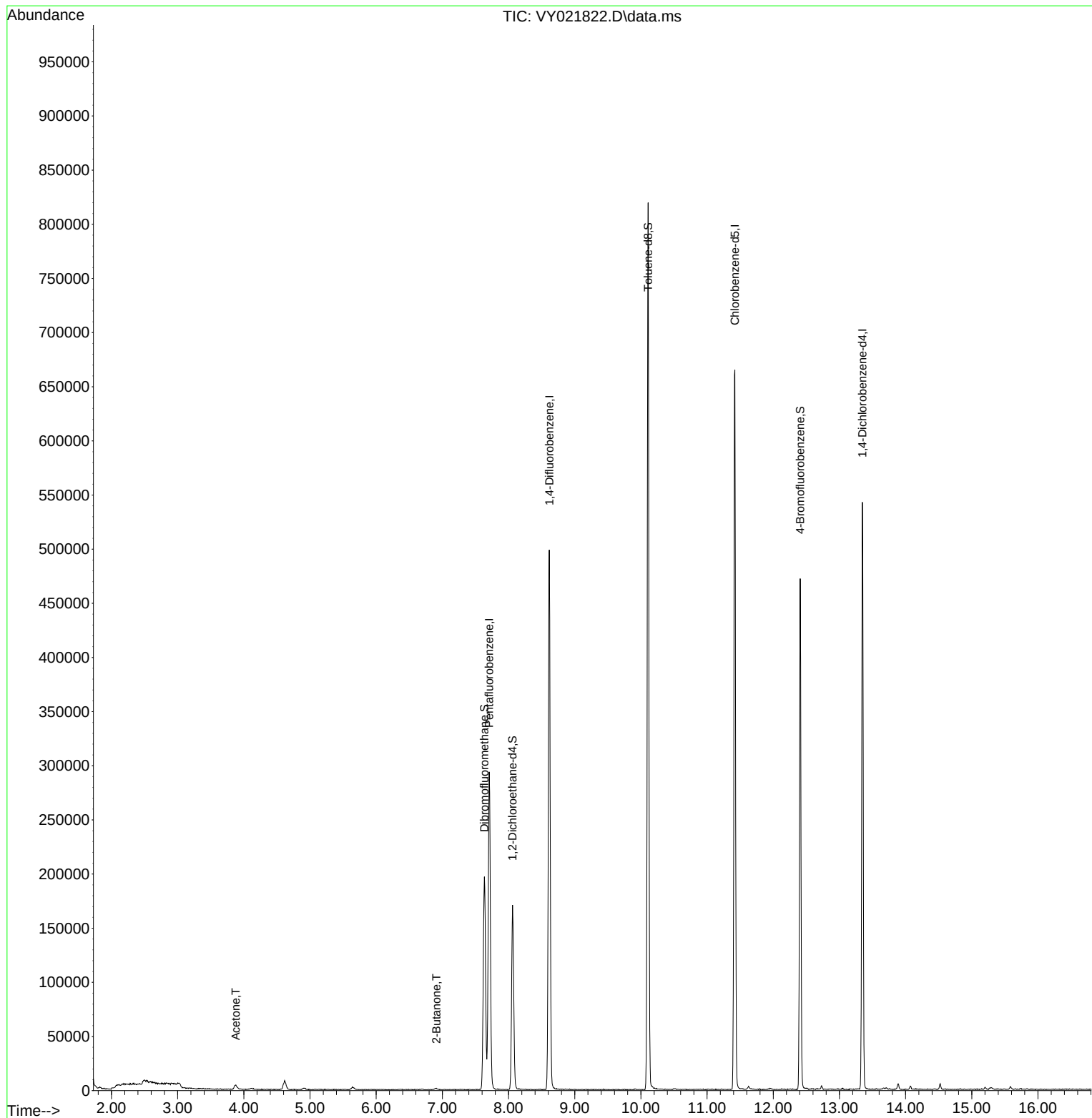
Internal Standards						
1) Pentafluorobenzene	7.707	168	218013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	410649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	353527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	131301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	131357	55.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.220%
35) Dibromofluoromethane	7.634	113	138854	52.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.260%
50) Toluene-d8	10.109	98	506153	49.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.408	95	137745	40.185	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.360%
Target Compounds						
						Qvalue
16) Acetone	3.879	43	7511	15.537	ug/l	94
25) 2-Butanone	6.909	43	2189	3.170	ug/l	95

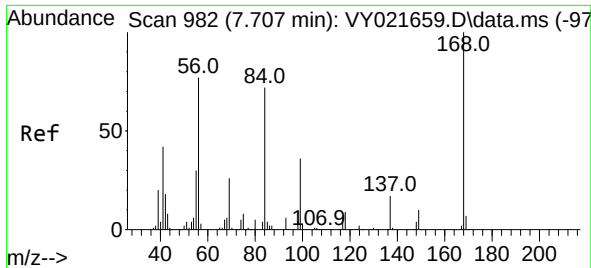
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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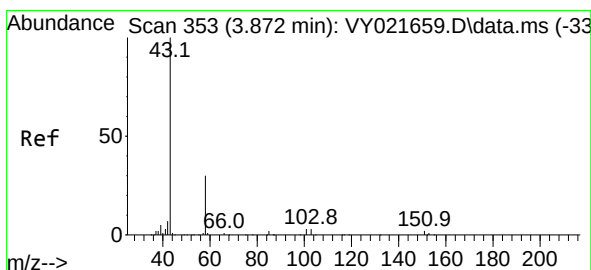
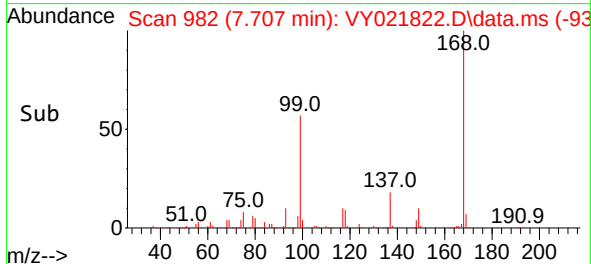
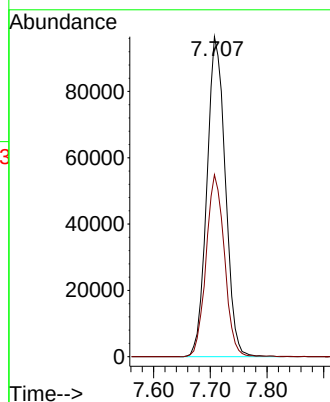
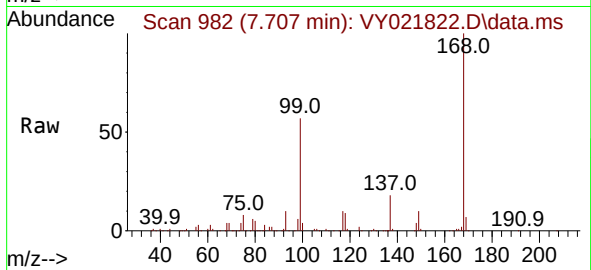




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021822.D
Acq: 09 Apr 2025 16:24

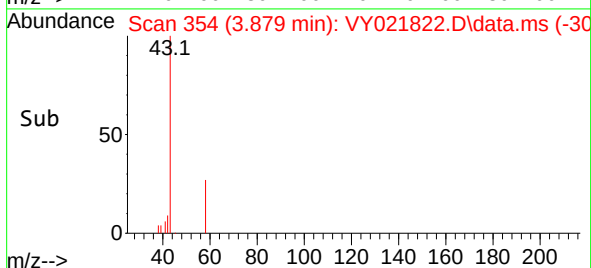
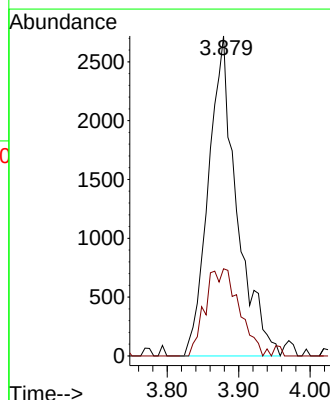
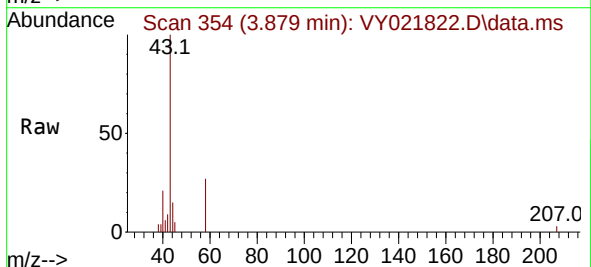
Instrument :
MSVOA_Y
ClientSampleId :
IB-2A-VOC

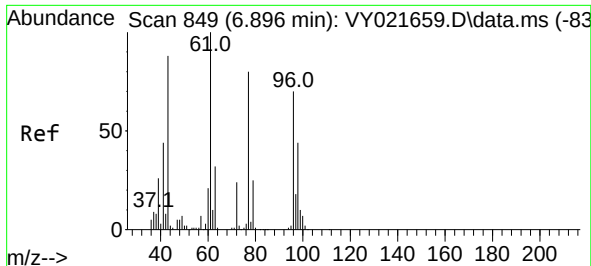
Tgt Ion:168 Resp: 218013
Ion Ratio Lower Upper
168 100
99 56.9 46.7 70.1



#16
Acetone
Concen: 15.537 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021822.D
Acq: 09 Apr 2025 16:24

Tgt Ion: 43 Resp: 7511
Ion Ratio Lower Upper
43 100
58 27.2 24.2 36.4

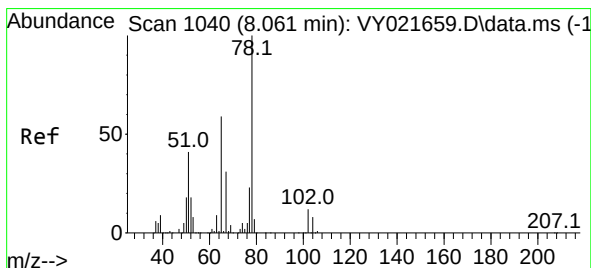
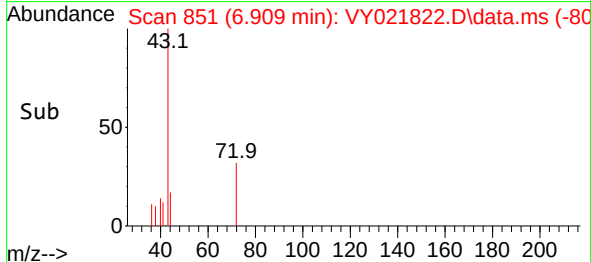
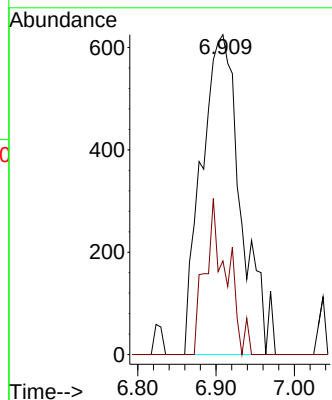
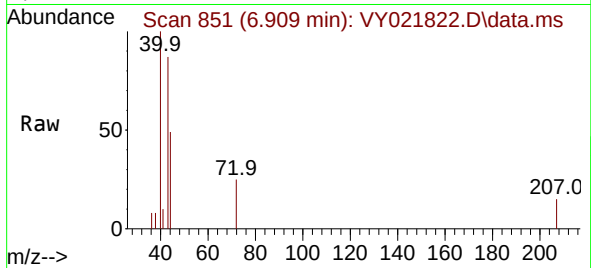




#25
2-Butanone
Concen: 3.170 ug/l
RT: 6.909 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY021822.D
Acq: 09 Apr 2025 16:24

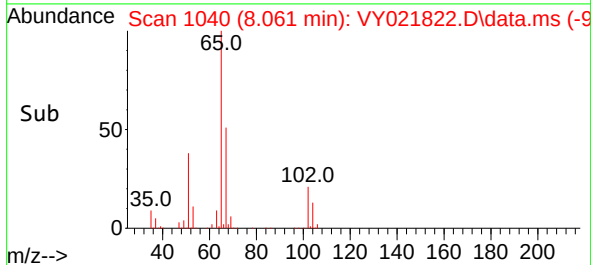
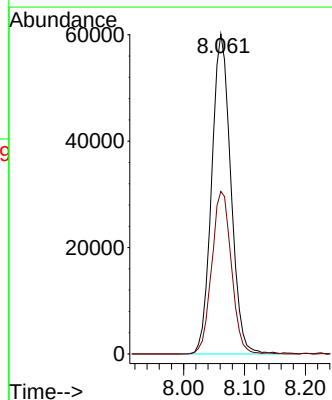
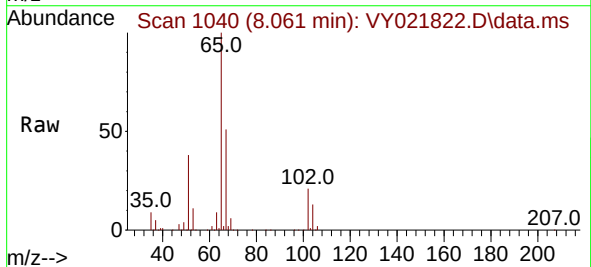
Instrument :
MSVOA_Y
ClientSampleId :
IB-2A-VOC

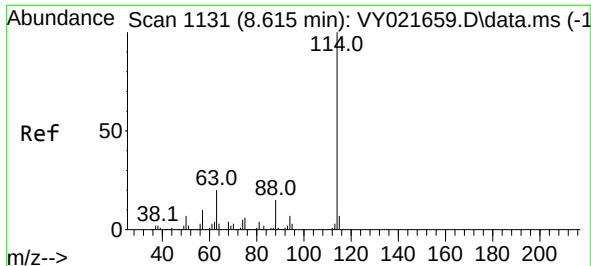
Tgt Ion: 43 Resp: 2189
Ion Ratio Lower Upper
43 100
72 29.3 21.4 32.2



#33
1,2-Dichloroethane-d4
Concen: 55.610 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021822.D
Acq: 09 Apr 2025 16:24

Tgt Ion: 65 Resp: 131357
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6

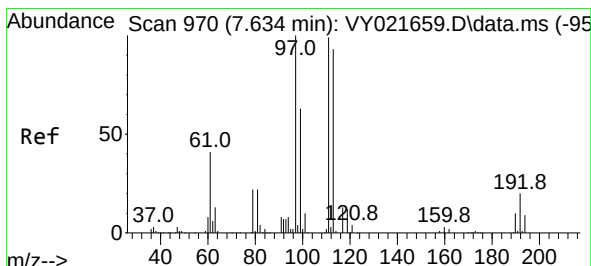
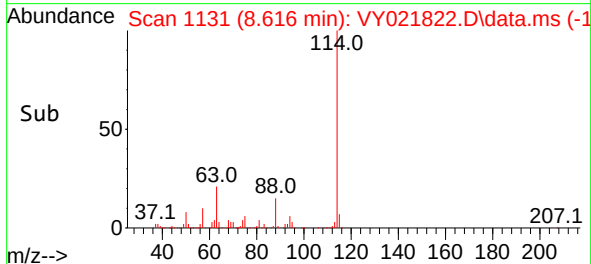
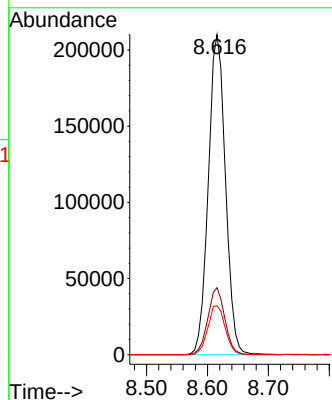
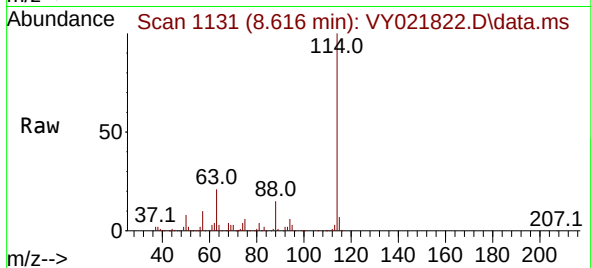




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021822.D
Acq: 09 Apr 2025 16:24

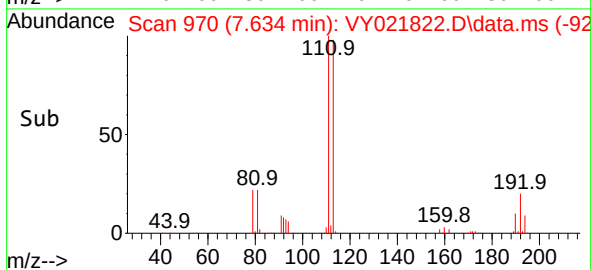
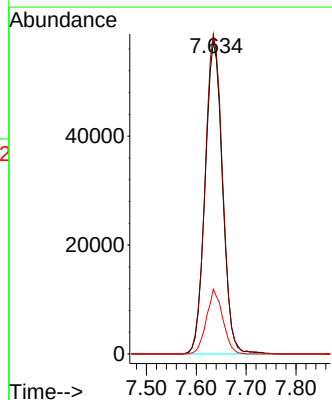
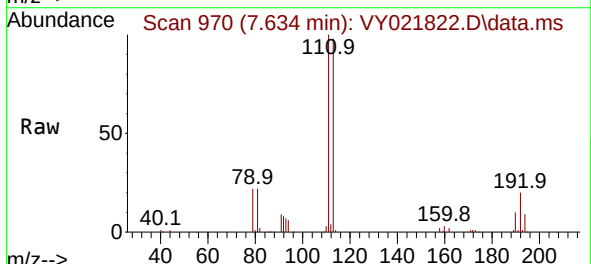
Instrument :
MSVOA_Y
ClientSampleId :
IB-2A-VOC

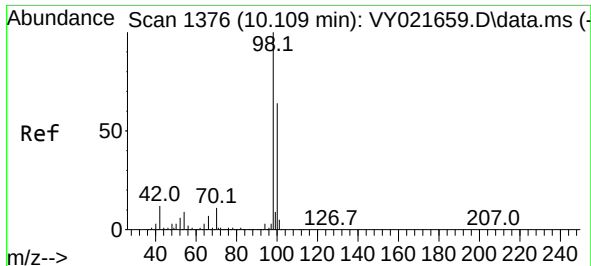
Tgt Ion:114 Resp: 410649
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.2
88 15.3 0.0 29.8



#35
Dibromofluoromethane
Concen: 52.126 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021822.D
Acq: 09 Apr 2025 16:24

Tgt Ion:113 Resp: 138854
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 19.4 16.2 24.4

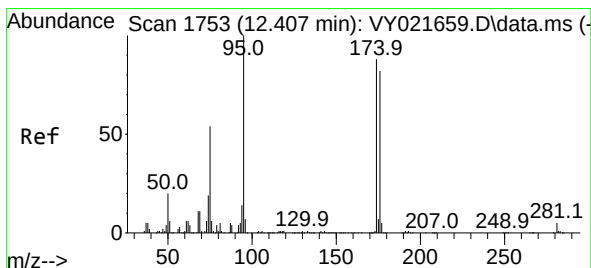
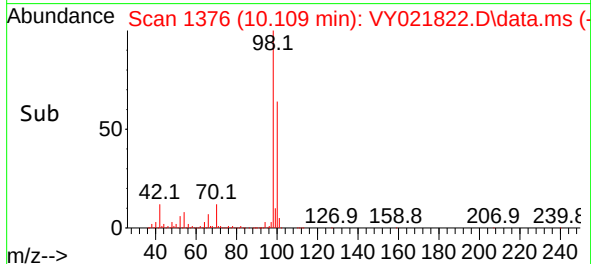
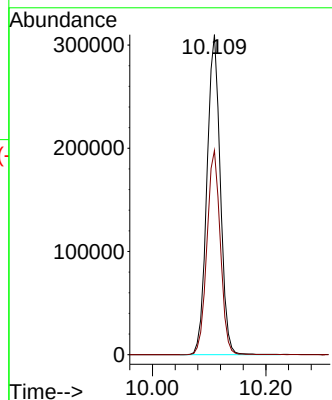
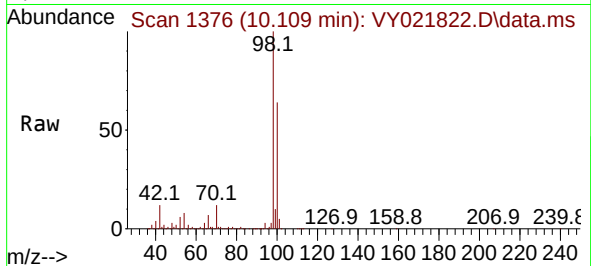




#50
Toluene-d8
Concen: 49.946 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021822.D
Acq: 09 Apr 2025 16:24

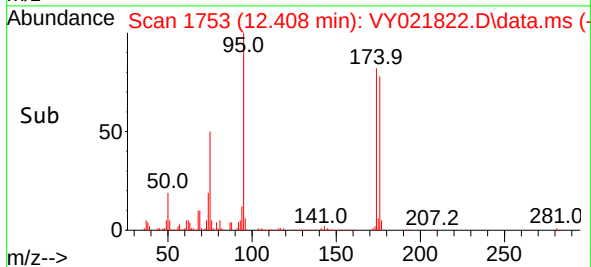
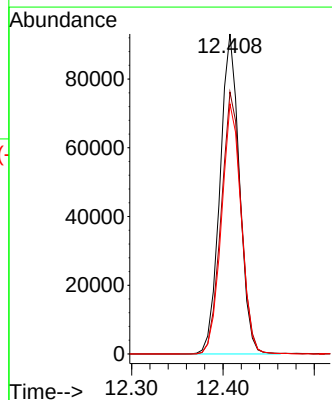
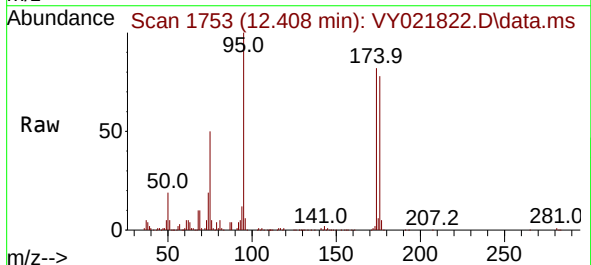
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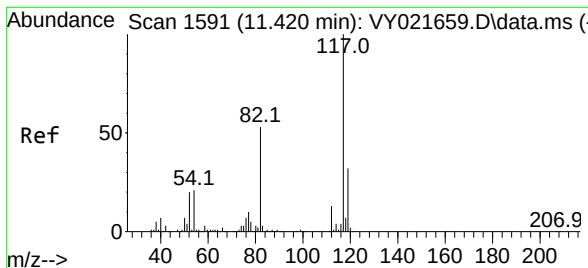
Tgt Ion: 98 Resp: 506153
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.185 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021822.D
Acq: 09 Apr 2025 16:24

Tgt Ion: 95 Resp: 137745
Ion Ratio Lower Upper
95 100
174 84.2 0.0 170.8
176 79.3 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021822.D

Acq: 09 Apr 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

IB-2A-VOC

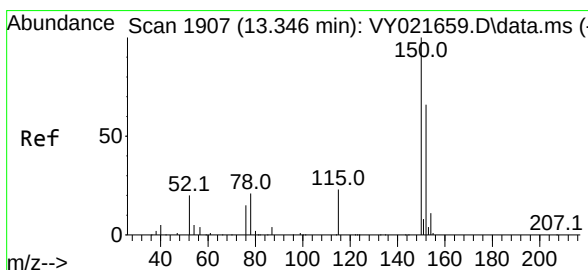
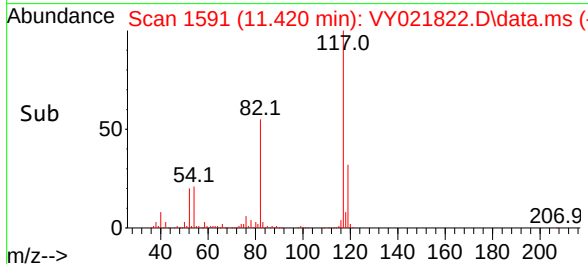
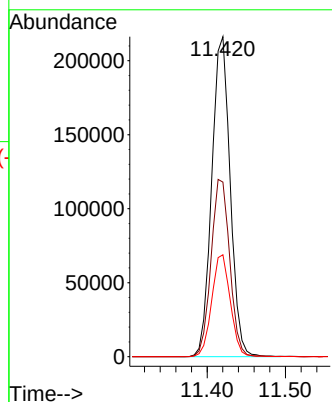
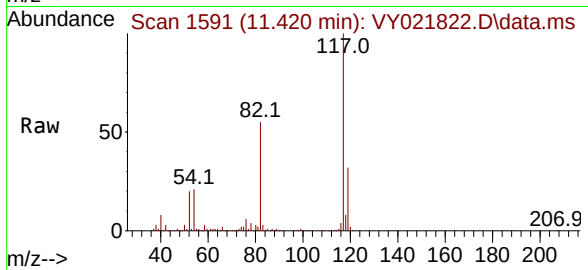
Tgt Ion:117 Resp: 353527

Ion Ratio Lower Upper

117 100

82 54.5 42.8 64.2

119 31.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021822.D

Acq: 09 Apr 2025 16:24

Tgt Ion:152 Resp: 131301

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 158.0 0.0 348.4

